

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A charging system for charging a charge retentive surface having a width dimension, comprising:

at least one corona producing element, spaced from the charge retentive surface and arranged generally along the width dimension; and

grid elements, interposed between said at least one corona producing element and the charge retentive surface, wherein the grid elements are arranged generally parallel to each other along the width dimension and comprise differentiated grid feature patterns,

where the differentiated grid feature patterns comprise the same geometric shape having a plurality of grid mesh opening sizes, and

wherein each geometric shape has a center point of its opening and wherein the distance between a first set of parallel lines, each line of which intersects the center point of adjoining shapes of a first grid feature pattern, differs from the distance between a second set of parallel lines, each line of which intersects the center point of adjoining features of a second grid feature pattern and each line of which has the same orientation to the shapes of the second grid feature pattern as the orientation of the first set of parallel lines to the shapes of the first feature pattern.

2. (Original) The charging system of claim 1, wherein the differentiated grid feature patterns comprise a plurality of geometric shapes.

3. (Original) The charging system of claim 2, wherein the plurality of geometric shapes comprise triangular and diamond shapes.

4. (Canceled)

5. (Currently Amended) The charging system of ~~claim 4~~claim 1, wherein the differentiated grid feature patterns comprise the same geometric shape having differentiated feature sizes.

6. (Canceled)

7. (Currently Amended) The charging system of ~~claim 4~~claim 1, wherein the differentiated grid feature patterns comprise hexagonal patterns of differentiated sizes.

8. (Currently Amended) The charging system of claim 1, further comprising a frame enclosure arranged generally around the at least one corona producing element wherein ~~a~~said grid element ~~comprises~~comprise essentially one side of the enclosure.

9. (Currently Amended) The charging system of claim 8, wherein the at least one corona producing element comprises a plurality of elements arranged within a plurality of frame enclosures.

10. (Currently Amended) The charging system of ~~claim 8~~claim 9, wherein each of ~~the plurality of~~said grid elements attach to separate frame enclosures.

11. (Currently Amended) The charging system of ~~claim 8~~claim 9, wherein each frame enclosure encloses a plurality of corona producing elements.

12. (Original) The charging system of claim 1, wherein the charging system comprises a scorotron charging system.

13. (Currently Amended) The charging system of claim 1, wherein the at least one corona producing element comprises a pin array corona producing device.

14. (Currently Amended) An electrostatographic imaging system, comprising:
a charge retentive surface having a width dimension;
at least one corona producing element, spaced from the charge retentive surface and arranged generally along the width dimension; and

grid elements, interposed between the at least one corona producing element and the charge retentive surface, wherein the grid elements are arranged generally parallel to each other along the width dimension and comprise differentiated grid feature patterns,

where the differentiated grid feature patterns comprise the same geometric shape having a plurality of grid mesh opening sizes, and

wherein each geometric shape has a center point of its opening and wherein the distance between a first set of parallel lines, each line of which intersects the center point of adjoining shapes of a first grid feature pattern, differs from the distance between a second set of parallel lines, each line of which intersects the center point of adjoining features of a second grid feature pattern and each line of which has the same orientation to the shapes of the second grid feature pattern as the orientation of the first set of parallel lines to the shapes of the first feature pattern.

15. (Original) The electrostatographic imaging system of claim 14, wherein the charge retentive surface is a photoreceptor.

16. (Currently Amended) A method for charging a charge retentive surface having a width dimension, comprising:

electrically charging at least one corona producing element, spaced from the charge retentive surface and arranged generally along the width dimension, sufficiently to emit a corona field;

affecting the corona field by interposing, between the at least one corona producing element and the charge retentive surface, grid elements that are arranged generally parallel to each other along the width dimension and that comprise differentiated grid feature patterns,

where the differentiated grid feature patterns comprise the same geometric shape having a plurality of grid mesh opening sizes, and

wherein each geometric shape has a center point of its opening and wherein the distance between a first set of parallel lines, each line of which intersects the center point of adjoining shapes of a first grid feature pattern, differs from the distance between a second set of parallel lines, each line of which intersects the center point of adjoining features of a second grid feature pattern and each line of which has the same orientation to the shapes of the second grid feature pattern as the orientation of the first set of parallel lines to the shapes of the first feature pattern.

17. (Original) The method of claim 16, wherein the differentiated grid feature patterns comprise a plurality of geometric shapes.

18. (Original) The method of claim 16, wherein the differentiated grid feature patterns comprise the same geometric shape having differentiated sizes.

19. (Currently Amended) The method of claim 16, wherein ~~the charge producing element comprises~~ a frame enclosure is arranged generally around the at least one corona producing element wherein ~~a~~said grid ~~element comprises~~elements comprise essentially one side of the enclosure.

20. (Currently Amended) The method of claim 19, wherein each of the ~~plurality~~ of grid elements attach to separate frame enclosures.